

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,830,825 B2  
APPLICATION NO. : 10/590375  
DATED : November 9, 2010  
INVENTOR(S) : Yan Fu and Haitao Hu

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In Column 6, lines 45-47 (Claim 1, lines 10-12) which reads: "that at least one multicast authority corresponding each corresponds to many multicast users" should read --that at least one multicast authority each corresponds to many multicast users.--

Claim 17 should be cancelled.

Signed and Sealed this  
Twenty-seventh Day of September, 2011



David J. Kappos  
*Director of the United States Patent and Trademark Office*